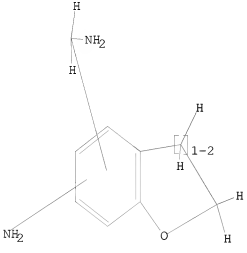
10/552,015

```
>
Uploading C:\Program Files\Stnexp\Queries\10552015a.str

L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR
```




```
Structure attributes must be viewed using STN Express query preparation.


=> s l1 full
   REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.



FULL SEARCH INITIATED 13:10:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  1564180 TO ITERATE

 63.9% PROCESSED  1000000 ITERATIONS  (     1 INCOMPLETE)         1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.05

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:      1564180 TO  1564180
PROJECTED ANSWERS:               1 TO        4

L2            1 SEA SSS FUL L1
```

L3 1 L2

=> d ibib abs hitstr

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:848926 CAPLUS
DOCUMENT NUMBER: 136:119162
TITLE: Preparation and characterization of a new solvent-free polymer electrolyte based on spiroketal structure
AUTHOR(S): Tsutsumi, Hiromori; Shirotani, Rumiko; Onimura, Kenjiro; Oishi, Tsutomu
CORPORATE SOURCE: Department of Applied Chemistry and Chemical Engineering, Faculty of Engineering, Yamaguchi University, Yamaguchi, 755-8611, Japan
SOURCE: Electrochemical and Solid-State Letters (2001), 4(12), A195-A196
CODEN: ESLEF6; ISSN: 1099-0062
PUBLISHER: Electrochemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Solvent-free solid polymer electrolytes based on spiropolymers were prepared and their properties were confirmed by conductance, differential scanning calorimetry, and X-ray diffraction measurements. The spiropolymer was synthesized from the bicyclic diketone and pentaerythritol. The spiro-polyketal (SP) dissolves lithium perchlorate and the conductivity of the (SP)1.5(LiClO4)1 complex is 4.24 + 10-5 S cm-1 at 30° and 3.83 + 10-4 S cm-1 at 60°.
IT 391671-11-7P
RL: POF (Polymer in formulation); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(preparation and characterization of a new solvent-free polymer electrolyte based on spiroketal structure)
RN 391671-11-7 CAPLUS
CN Poly(3''a,6''a-diethyltetrahydrodispiro[1,3-dioxane-5,5'-[1,3]dioxane-2',2''(1''H)-pentalene]-2,5''(3''H)-diylidene) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.75	182.80
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

FILE 'REGISTRY' ENTERED AT 13:11:02 ON 28 MAY 2008
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provided by InfoChem.

STRUCTURE FILE UPDATES: 27 MAY 2008 HIGHEST RN 1023132-78-6
DICTIONARY FILE UPDATES: 27 MAY 2008 HIGHEST RN 1023132-78-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

  Please note that search-term pricing does apply when
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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> s 391671-11-7/rn
L4   1 391671-11-7/RN

=> d

L4   ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN   391671-11-7 REGISTRY
ED   Entered STN: 12 Feb 2002
CN   Poly(3''a,6''a-diethyltetrahydrodispiro[1,3-dioxane-5,5'-[1,3]dioxane-
     2',2''(1''H)-pentalene]-2,5''(3''H)-diylidene) (9CI) (CA INDEX NAME)
MF   (C18 H26 O4)n
CI   PMS
PCT Double strand, Polyother
SR   CA
LC   STN Files: CA, CAPLUS

RELATED POLYMERS AVAILABLE WITH POLYLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               1 REFERENCES IN FILE CA (1907 TO DATE)
               1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
FULL ESTIMATED COST   2.92   185.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
CA SUBSCRIBER PRICE   0.00   -0.80

FILE 'CAPLUS' ENTERED AT 13:11:58 ON 28 MAY 2008
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FILE COVERS 1907 - 28 May 2008 VOL 148 ISS 22
FILE LAST UPDATED: 27 May 2008 (20080527/ED)

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They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s 391671-11-7
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L6 1 L5

=> d ibib abs hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
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DOCUMENT NUMBER: 136:119162
TITLE: Preparation and characterization of a new solvent-free polymer electrolyte based on spiroketal structure
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(SP)1.5(LiClO4)1 complex is 4.24 + 10-5 S cm-1 at 30° and
3.83 + 10-4 S cm-1 at 60°.
IT 391671-11-7P
RL: POF (Polymer in formulation); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
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RN 391671-11-7 CAPLUS
CN Poly(3''a,6''a-diethyltetrahydrodispiro[1,3-dioxane-5,5'-[1,3]dioxane-2',2''(1''H)-pentalene]-2,5''(3''H)-diylidene) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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